Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 20 Oct 2022 until 23:59 on Friday 21 Oct 2022

Forecast Issued on Thursday 20 Oct 2022 at 03:14

Confidence: High confidence in the overall unsettled pattern, but lower for rain/showers details.

Headline for Thursday 20 Oct 2022: Cloudy and overcast with outbreaks of rain and drizzle.

Mountain weather hazards on Thursday 20 Oct 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG			FOG	FOG	MIST
Fog	Drizzle	Drizzle	Fog	Fog	Mist
Precipitation probability					
70%	40%	30%	20%	20%	10%

Forecast for Thursday 20 Oct 2022

Weather: Low cloud with rain or drizzle overnight. A cloudy day, with outbreaks of rain, heavy at times, especially in the afternoon. Rain clearing to the north by the evening. Some clear spells developing overnight, although mist, fog and low cloud is likely to reform.

Chance of cloud-free hill tops above 600m: 20% throughout, probably the best chance during early evening.

Low cloud and visibility: Extensive cloud, bases down to 100m to 400m, perhaps lifting and breaking for a time late afternoon and early evening. Moderate or poor in rain, drizzle and mist and very poor in fog.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.

Mountain Weather Forecast

Forecast for Thursday 20 Oct 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/15 SE	7/9 E	5/9 W	9/11 SW	11/14 SW	12/16 SW	12/17 S
300	7/13 NE	6/8 E	3/6 S	6/9 SW	7/10 SW	7/12 S	8/14 S
Valley	11/16 E	7/11 E	2/5 SW	4/7 SW	4/9 SW	3/10 S	5/12 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/10	10/9	10/10	10/9	10/8	9/6	10/7
300	11/10	12/11	12/12	12/11	12/10	11/10	11/10
Valley	12/10	12/11	12/12	12/12	12/11	11/11	10/9
Freezing Level*	2600m	2500m	2400m	2500m	2200m	2000m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Navigational difficulties expected due to extensive low cloud.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 20 Oct 2022	0mm	0.2mm	0.2mm

Forecast for Friday 21 Oct 2022

Weather: Low cloud, mist and fog overnight, with occasional clear spells. Brighter skies developing during the daylight hours, but generally rather cloudy with showers. The showers will be heavy and possibly thundery at times. Low cloud, mist and fog patches reforming in the evening.

Maximum wind: Southeasterly 15 to 25mph with gusts up to 25-30mph, occasionally up to 35mph.

Chance of cloud-free hill tops above 600m: 30% becoming 70% by the afternoon.

Low cloud and visibility: Occasional or extensive cloud, bases down to 200 to 500m, lifting above the tops by the afternoon. Visibility very good, but falling moderate in rain. Poor or very poor at first with height.

Temperature: **Valleys:** Plus 6 rising to 16 Celsius
At 600m: Plus 6 to 9 Celsius
Freezing level: Above the summits

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.